

- 8 -

WE CLAIM:

1. A dispenser device including: a dispenser device body having an inlet end and an outlet end; a transport passage arranged therebetween, wherein the cross-sectional internal dimensions at the inlet end of the transport passage are smaller than the cross-sectional internal dimension at the outlet end of the transport passage; at least two sealing connector sections, located at or near the inlet and outlet ends respectively, the device when in use being sealingly connectable with filler vessels and unfilled vessels respectively.
2. A dispenser device according to claim 1, wherein the sealable connection between said dispenser device and said unfilled vessel provides a substantially air tight seal, so that air within the unfilled vessel is displaced by powder from the filler vessel and passes through the transport passage during a filling operation.
3. A dispenser device according to claim 1 or 2 wherein the sealable connecting section is in the form of threaded portions, foam or rubber strips, light friction fits, or flat or contoured plates which correspond to the connector surface of the unfilled vessel.
4. A dispenser device according to any previous claim wherein the transport passage includes rounded shoulders at its inlet end.
5. A dispenser device according to any previous claim wherein the inner surface of an inner wall of the transport passage is a continuous generally smooth tapered configuration, tapering outwardly from the inlet end towards the outlet end.
6. A dispenser device according to any previous claim wherein the contour formed by an inner wall of the transport passage differs from the contour formed by an exterior wall of the transport passage.
7. A dispenser device according to any previous claim wherein an exterior wall of the transport passage is shaped to correspond to an inlet or access portion of a plurality of

- 9 -

unfilled vessels having access or inlet portions of differing diameters or shapes, thereby incorporating the sealable connector section.

8. A dispenser device according to claim 7 wherein the exterior wall is tapered  
5 outwardly as the longitudinal direction is traversed from outlet to inlet.

9. A dispenser device according to any previous claim wherein the dispenser device  
body is constructed from suitable plastics, machinable or mouldable, or from suitable  
metals or metal alloys.  
10

10. A dispenser device according to any previous claim wherein the device is  
constructed from more than one part or one or more materials.

11. A dispenser device according to any previous claim wherein an adaptor is provided  
15 to seal an inlet or access portion of an unfilled vessel.

12. A dispenser device according to claim 11 wherein the adaptor is in the form of a  
plate, having inlet and outlet sealable portions, to seal with the inlet or access portion of an  
unfilled vessel, and the outlet of the dispenser body.  
20

13. A dispenser device according to claim 12 wherein the plate is contoured or flat to  
conform with at least portions of the unfilled vessel.

14. A dispenser device according to any one of the preceding claims wherein a locating  
25 means is provided to locate with a retaining portion on the unfilled vessel.

15. A dispenser device according to claim 14 wherein the locating means is in the form  
of one or more projections mounted on the external periphery of the dispenser device.

30 16. A dispenser device according to claim 15 wherein clips are used to locate with the  
retaining means to retain the device against the unfilled vessel.

- 10 -

17. A dispenser device substantially as hereinbefore described with reference to the accompanying drawings.